

IC engine air flow rate measurement device has oblong flow medium inlet and measurement passage narrowing in counter flow direction, by having at least section between flow center inlet and flow rate detector

Publication number: DE19957437

Publication date: 2000-07-13

Inventor: HAMADA SHINGO (JP); YONEZAWA FUMIYOSHI (JP);
URAMACHI HIROYUKI (JP); YAMAKAWA TOMOYA
(JP); OSHIMA TAKEHARU (JP); KOTOH SATORU (JP)

Applicant: MITSUBISHI ELECTRIC CORP (JP)

Classification:

- international: G01F1/68; F02D35/00; F02D41/18; F02M35/04;
G01F1/684; G01F1/69; G01F1/68; F02D35/00;
F02D41/18; F02M35/02; G01F1/684; (IPC1-7):
G01F1/72; F02D41/18; G01F1/68

- European: G01F5/00; F02D41/18B; F02D41/18D; F02M35/04A;
G01F1/684C

Application number: DE19991057437 19991130

Priority number(s): JP19980362724 19981221; JP19990131570 19990512

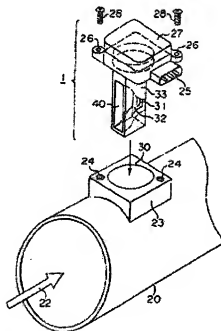
Also published as:

US6871534 (B1)
JP2000241222 (A)

[Report a data error here](#)

Abstract of DE19957437

A measurement passage (40) has an oblong flow medium inlet (41) and a measurement passage (40) is narrowed for a counter flow direction, by having at least a section between the flow center inlet (41) and the flow rate detector (31,32). The measurement passage (40) has at least a section, which forms an individual hole.



Data supplied from the [esp@cenet](#) database - Worldwide